

# Severe Weather Risk

January 29-30, 2013

Threat Assessment for south-central Indiana and  
central Kentucky

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# Expected Impacts

**Timing:** Late tonight into Wednesday morning (detailed map to follow)

**Wind:** Widespread wind damage is likely, with gusts in excess of 70 MPH possible

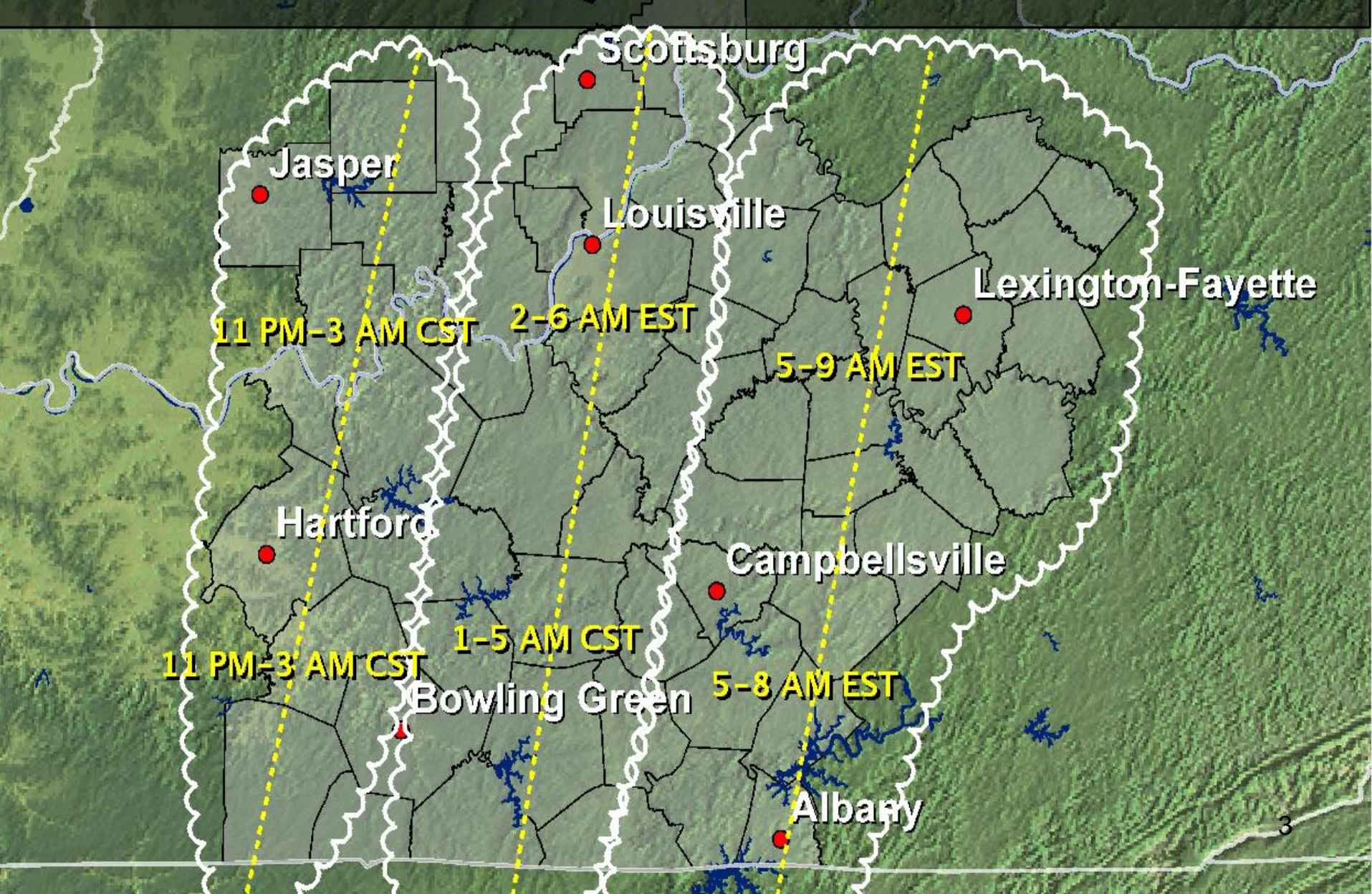
**Tornadoes:** Isolated tornadoes are possible

**Hail:** Small hail, generally less than quarter size is possible

**Flooding:** One to two inches of rainfall can be expected, with locally higher amounts. These amounts will fall in a very short period of time, which could cause ponding of water on roadways and quick rises on local creeks and streams

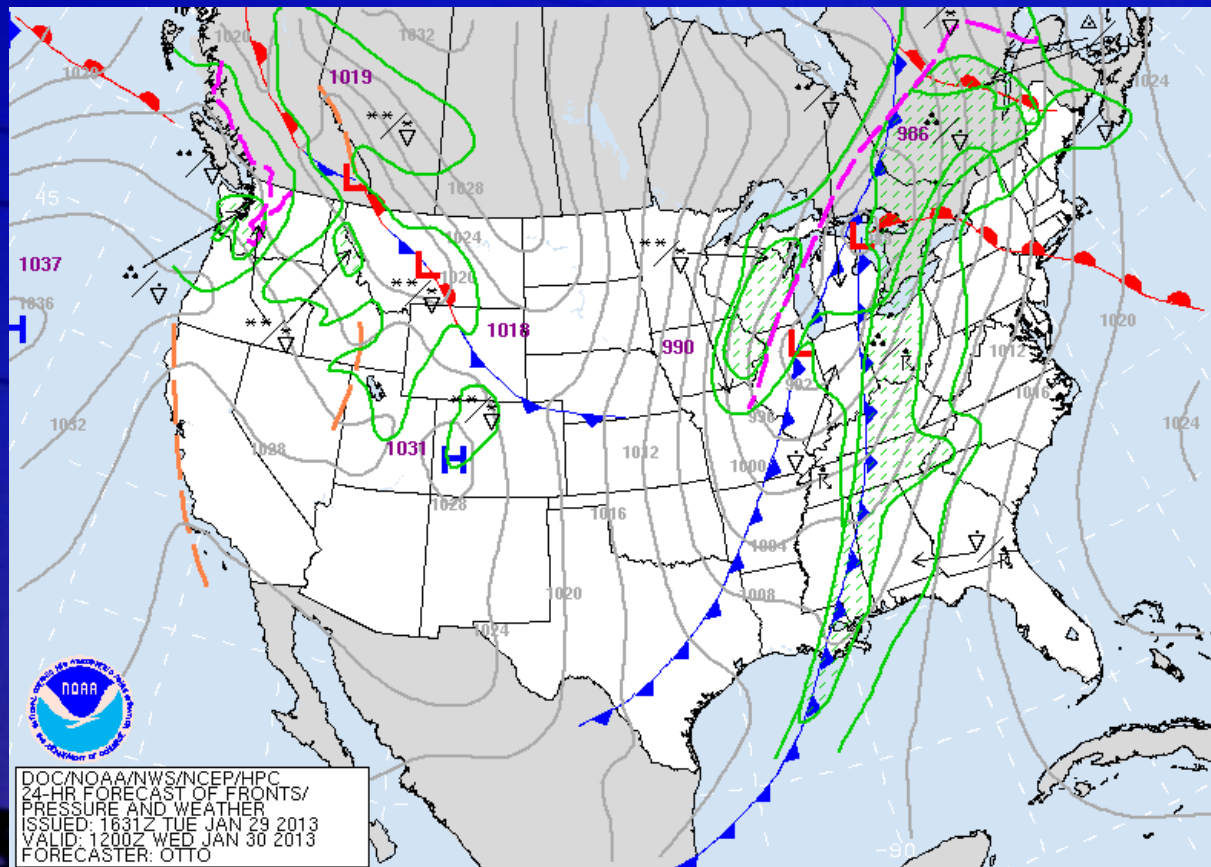


# EXPECTED SQUALL LINE TIMING





# Weather Map Overview



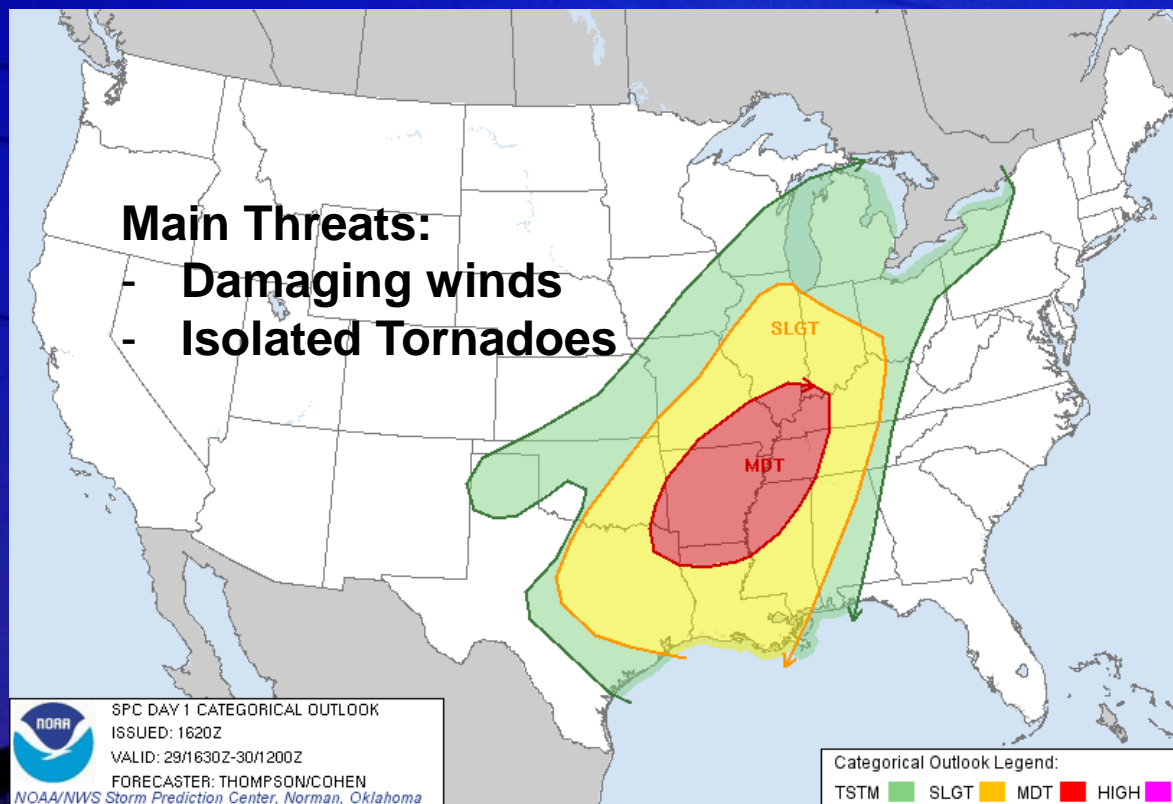
- A strong, upper-level disturbance will move into the Ohio Valley tonight
- This will drag a cold front through the region tomorrow morning
- An unseasonably warm and moist airmass will reside ahead of the front
- A large, expansive line of thunderstorms will develop along/ahead of this front

Image taken from the HPC

1/29/2013 12:51 PM

National Weather Service  
Louisville KY

# Severe Weather Outlook



Storm Prediction Center Outlook– Day 1

- Large squall line expected tonight
- Damaging winds and isolated tornadoes will be the main threats
- Confidence in severe weather occurring is high. Confidence in exact timing remains rather low.